PA6BMW-FR flame retardant VO nylon plastic

PA6BMW-FR flame retardant VO nylon plastic is a nylon 6 material with good flame retardant properties. This product uses high-quality nylon 6 as the base material, combined with modern flame retardant technology, and has high temperature stability, excellent mechanical strength and low friction coefficient. The melting point of this material is 220 degrees Celsius, indicating that it still has good processing performance under high temperature environment. Compared with ordinary nylon 6 materials, PA6BMW-FR flame retardant VO nylon plastic can maintain its physical properties at higher temperatures and is suitable for high temperature working environments. Its tensile breaking strength is 130MPa, indicating that it has high tensile strength. This property makes the material less likely to break when subjected to tension, and it can work under high-intensity loads, which is suitable for some engineering plastic applications with high strength requirements. PA6BMW-FR flame retardant VO nylon plastic can be used in wires and cables, switch panels, socket shells, etc. in electronic and electrical products.

PA6300FRNC flame retardant V0 extrusion grade nylon plastic

PA6300FRNC flame retardant V0 extrusion grade nylon plastic is one of the high-end modified products of polyamide 6 (PA6) series plastics. PA6 itself has excellent mechanical properties and good heat resistance, and is widely used in automobile, electronics, machinery and other industries. "300" means that the material contains a high proportion of glass fiber reinforced components, which effectively improves its mechanical strength and rigidity; "FRNC" means that it contains efficient flame retardant additives, which can meet higher safety requirements, especially those that meet V0 level resistance. It meets strict safety standards, which means that the material can quickly self-extinguish after the fire source is removed, and there is no flame leakage during the burning process. Tensile breaking strength describes the material's ability to resist rupture during stretching. The tensile breaking strength of PA6300FRNC flame-retardant V0 extrusion grade nylon plastic is 158 MPa. This value shows that the material has excellent tensile resistance. Compared with unreinforced PA6, the glass fiber reinforced component significantly improves the tensile strength of the material, making it suitable for high-intensity load environments. In the home appliance industry, PA6300FRNC is commonly used in the manufacture of home appliance casings, accessories, bellows, insulating pads and internal structural components.

PA6G15HSOE020 glass fiber 15% reinforced orange nylon plastic

PA6G15HSOE020 glass fiber 15% reinforced orange nylon plastic is an engineering plastic composed of a polyamide 6 (PA6) matrix and 15% glass fiber reinforcement. It also has an orange appearance. The basic component of this material is polyamide 6 (PA6) resin, combined with 15% glass fiber reinforcement, the purpose is to improve its mechanical properties, thermal stability and dimensional stability. This composite material is particularly suitable for those applications that require strength, toughness and good working performance in medium and low temperature environments. The Rockwell hardness of PA6G15HSOE020 glass fiber 15% reinforced orange nylon plastic is 117, which is a relatively hard material, showing its strong resistance to scratches and wear. In the automotive industry, PA6G15HSOE020 is mainly used to manufacture internal and external parts of automobiles, such as bumper brackets, transmission parts, interior trims, etc.

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